

**EXHIBIT B**  
**A MARKED-UP VERSION OF THE**  
**CLAIMS AMENDED IN THE INSTANT AMENDMENT**  
**IN U.S. PATENT APPLICATION SERIAL NO. 09/368,076**  
**ATTORNEY DOCKET NO. 7682-047-999**

37. (Amended) The isolated infectious respiratory syncytial virus particle of claim 36 [13], wherein said mutation is selected from a group consisting of A33, A73, A171, A81, A185, A91, A101, A192, A11, A111, A121, A133, A141, A25, A45, A153, A162, A201, A211, A221, A231, A241, A57, A65, A251, A261, AD11, AD21, AD31, F1, and F13.

39. (Amended) The isolated infectious respiratory syncytial virus particle of claim 38 [15], wherein said cysteine is selected from a group consisting of cysteine at amino acid position 781, 924, 1183, 1347, and 1604.

40. (Amended) An isolated attenuated [infectious] respiratory syncytial virus particle which comprises a respiratory syncytial virus antigenome or genome containing at least one M2-1 gene mutation, wherein said M2-1 gene mutation encodes an amino acid exchange from a cysteine to an amino acid selected from a group comprising glycine, valine, aspartic acid, and alanine.

41. (Amended) The isolated attenuated [infectious] respiratory syncytial virus particle of claim 40 [17], wherein said cysteine is selected from a group consisting of cysteine at amino acid position 7, 15, 21, and 96.

43. (Amended) The isolated attenuated [infectious] respiratory syncytial virus particle of claim 42 [19], wherein the stop codon causing said C-terminal truncation is at a position selected from a group consisting of nucleotide position 7987-7989, 7990-7992 [7993], 8050-8052, 8053-8055, 8137-8139, and [or] 8140-8142.

**EXHIBIT C**  
**A MARKED UP VERSION OF AMENDED**  
**TABLE 18**

**Table 18. Primers used for changing each cysteine codon in the M2-1 gene<sup>a</sup>**

| Primer | Position in RSV<br>antigenome | Sequence   |
|--------|-------------------------------|--|
| MC1    | nt 7609-7641                  | 5'TCACGAAGGAATCCT <u><b>GG</b></u> CAAATTTGAAATTCGA<br>(SEQ ID NO:50)  |
| MC2    | nt 7633-7665                  | 5'GAAATTCGAGGTCAT <u><b>GG</b></u> TTTAAATGGTAAGAGG<br>(SEQ ID NO:51)  |
| MC3    | nt 7648-7683                  | 5' <u>TGC TTA AAT GGT AAG AGG <b>TGT</b> CAT TTT AGT</u><br><u>CAT AAT</u><br>[TGCTTAAATGGTAAGAGG <u><b>GG</b></u> GACATTTTAGTCATA<br>AT] (SEQ ID NO:52) |
| MC4    | nt 7876-7908                  | 5'ACTAAACAATCAGCA <u><b>GG</b></u> TGTTGCCATGAGCAAA<br>(SEQ ID NO:53)  |

<sup>a</sup>The numbers correspond to nucleotides in the RSV antigenome. Nucleotides that were mutated to change cysteine codons to glycine codons are in bold and underlined.